



WASTE MANAGEMENT POLICY

MAEER's MIT Saint Dnyaneshwar B. Ed. College,
Alandi, Pune

ABSTRACT

The waste management policy includes the requirements and procedures adopted regarding waste management, especially for solid waste, liquid waste and e-waste. The main aim of this policy is to make arrangements to minimise waste production and improve waste segregation. Further, this policy ensures that all waste generated within the college campus are disposed with safety and efficiency.



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(ISO 9001:2015 CERTIFIED)

WASTE MANAGEMENT POLICY

Introduction

Waste management is a critical component of sustainable campus operations. This policy outlines the guidelines, strategies, and responsibilities for effective waste management at the college level. The policy aims to reduce waste generation, promote recycling and reuse, and ensure responsible waste disposal within the college community.

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Policy Statement

MAEER's MIT Saint Dnyaneshwar B. Ed. College recognises the importance of meeting the legal requirements to manage its waste in a responsible manner and thus reduce the volume of waste. Any waste generated in the campus shall be managed and handled properly.

Objectives of the Policy

The objectives of the policy are as follows.

- 1) To provide clearly defined roles and responsibilities to identify and co-ordinate each activity of the waste management.

- 2) To minimise waste generation in the campus and dispose waste in a cost- effective manner.
- 3) To ensure the safe handling and storage of wastes on college campus.
- 4) To actively coordinate the disposal of waste management in the college campus.
- 5) To promote environmental awareness among the students and society, and encourage them about waste minimisation.
- 6) Minimising the wastage of natural resources.
- 7) To foster a culture of environmental responsibility among students, faculty, and staff.
- 8) Ensuring segregation of waste at the source.
- 9) To promote a holistic approach of waste management in the campus.
- 10) To promote sustainable practices in the campus.
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- 12) To promote sustainable practices in the campus.

Organisation and Management

The responsibilities and executive arrangements for waste management policy lies with the advisory board. The board constitutes the following members:

1. Principal - Chairperson
2. Coordinator-IQAC Coordinator
3. Secretary- Dr. Vikas Tupsundar
5. One external expert (preference is given to Alumni)
6. One support Staff
7. Member – Student secretary of Discipline committee

The responsibilities of the waste management advisory board:

- Monitoring waste management
- Ensuring the compliance of legal and safety frameworks.
- Coordinating with authorities of the campus for the disposal of waste produced at the college campus.
- To abide by the policy document in value and spirit.
- Support staff is responsible for overseeing the day-to-day delivery of general waste.
- Operational monitoring of waste management system across the campus.

Action Plan

It is the responsibility of the waste management advisory board to oversee the implementation of the policy.

The following are the ways of dealing with waste management in the campus. The college takes following significant initiatives for waste management.

1) Periodic meetings of the waste management advisory board – to oversee the implementation of the policy.

2) Dealing with the different kinds of wastes

Solid waste

Waste bins shall be placed in the campus at various places like classrooms, faculty room, administrative office, lab, corridors, washrooms etc. Solid waste shall be segregated as paper, plastic, waste glass and metals. Each of them shall be segregated and sent to the relevant authority for disposal. Three pits have been constructed at the backyard of the college campus to collect solid waste with the following capacity:

Wet waste Pits-total of 30-35 kg /day

Dry Waste Pit -total of 10-12 kg/day

The waste materials collected in these pits are managed by vermicompost decomposition. The waste materials are treated with a composting process with the help of worms that result in vermicast. This vermicast is utilized as a fertilizer for campus gardening.

Liquid waste

Liquid waste generated in the college consist of water from sinks, wash basins and restrooms. Wastewater from washrooms is let into the safety tank. Wastewater from hand wash basins is used for watering the plants of the garden.

Hazardous Chemicals and Radioactive Waste Management:

- Exhaust fans are installed in chemistry laboratories to remove contaminated air resulting from chemical reactions and other activities.
- Experiments conducted at UG level are chosen in such a way that it minimizes the use and generation of hazardous chemicals.
- Use of Radioactive material is strictly avoided.
- There are separate dustbins for broken glass. They are used by the lab staff to empty their containers into it. Concentrated acids are stored in a metal spill tray.

- Proper methods like dilution, neutralization are followed before releasing any liquid chemical waste in the drainage system.

Organic waste

Organic waste consists of food waste generated in the canteen and fallen leaves of the trees. While food wastage is extremely low in the campus, fallen leaves are collected and used for organic manures.

E-waste

The college adheres to the guidelines of government and regulatory bodies with regard to the management of E-waste. E-Waste is stored in a secure and safe place until its disposal.

3. Extension lectures of the expertise – To promote awareness about waste management in order to minimise waste management issues.

4. Cleaning/waste management facilities are provided and looked after by waste management advisory board.

5. Use of paper for routine correspondence is discouraged – Notices, orders, circulars etc are issued electronically through e-mail, WhatsApp and e-governance.

6. Placing dustbins at the strategic locations to reduce litter and promote proper waste disposal practices.

7. Vermicomposting to use biodegradable waste collected from the campus.

8. Reduction Strategies:

- Encourage the reduction of single-use plastics and disposable items.
- Promote the use of reusable containers, water bottles, and utensils.
- Minimize paper usage through digital communication and documentation.

9. Awareness and Education:

- Organize seminars, and awareness campaigns on waste reduction, recycling and controlling the pollution.
- Provide educational materials for students, faculty, and staff about waste management practices.

By implementing this waste management policy, the college aims to create a sustainable environment that promotes responsible waste practices, educates the community, and contributes to a greener future. Through collective efforts, the college can set an example for environmentally conscious waste management and inspire positive change beyond the campus.

IQAC CO-ORDINATOR

PRINCIPAL

WASTE MANAGEMENT POLICY SDBED COLLEGE